

# DOLPHIN LA 0053-0143 A

Liquid ring vacuum pumps



**VACUUM SOLUTIONS**

Part of the **BUSCH** GROUP



## Robust

Proven technology, durable single-stage construction

## Reliable

Extremely high vapor and particle tolerance

## Flexible

Wide range of construction materials, including cast iron (EN-GJL-200), many grades of stainless steel and even titanium, ATEX-certified version available (Cat 1(i)/2(o) IIC T5), different operating fluids possible, operation as compressor possible

Accessories, spare parts and options

- Partial or total recirculation systems
- Liquid separator
- Cavitation protection
- Heat exchanger
- Gas ejector
- Wide selection of motors
- Non-return valves
- Vacuum relief valves

# DOLPHIN LA 0053-0143 A

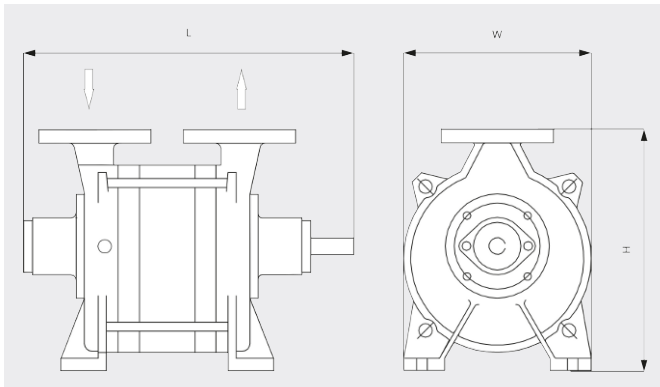
Liquid ring vacuum pumps



**VACUUM SOLUTIONS**

Part of the **BUSCH GROUP**

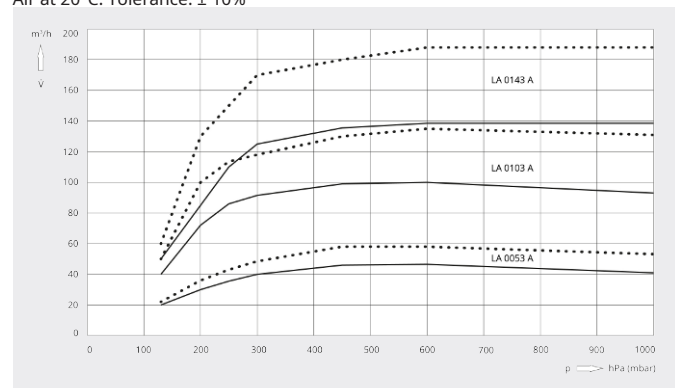
Dimensional drawing



Pumping speed

Air at 20°C. Tolerance:  $\pm 10\%$

— 50 Hz ..... 60 Hz



|                                                               | DOLPHIN LA 0053 A                          | DOLPHIN LA 0103 A                          | DOLPHIN LA 0143 A                          |
|---------------------------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|
| Nominal pumping speed                                         | 50 / 60 m³/h (50 / 60 Hz)                  | 100 / 135 m³/h (50 / 60 Hz)                | 140 / 190 m³/h (50 / 60 Hz)                |
| Ultimate pressure                                             | 130 hPa (mbar) (50 / 60 Hz)                | 130 hPa (mbar) (50 / 60 Hz)                | 130 hPa (mbar) (50 / 60 Hz)                |
| Nominal motor rating                                          | 1.5 / 2.2 kW (50 / 60 Hz)                  | 4 kW (50 / 60 Hz)                          | 4 / 5.5 kW (50 / 60 Hz)                    |
| Nominal motor speed                                           | 1450 / 1750 min <sup>-1</sup> (50 / 60 Hz) | 1450 / 1750 min <sup>-1</sup> (50 / 60 Hz) | 1450 / 1750 min <sup>-1</sup> (50 / 60 Hz) |
| Sound pressure level (ISO 3744), 1 m distance, at medium load | 72 dB(A) (50 / 60 Hz)                      | 72 dB(A) (50 / 60 Hz)                      | 72 dB(A) (50 / 60 Hz)                      |
| Weight approx.                                                | 47 kg                                      | 52 kg                                      | 57 kg                                      |
| Dimensions (L x W x H)                                        | ( 399 – 574 ) x 250 x 320 mm               | ( 439 – 614 ) x 250 x 320 mm               | ( 479 – 654 ) x 250 x 320 mm               |
| Gas inlet / outlet                                            | DN 40 PN 10 / DN 40 PN 10                  | DN 40 PN 10 / DN 40 PN 10                  | DN 40 PN 10 / DN 40 PN 10                  |

## DO YOU WANT TO KNOW MORE?

Get in touch with us directly!  
[info@busch.fi](mailto:info@busch.fi) or +358 (0)9 774 60 60



CONTACT FORM



CALL NOW